Audio system type (without navigation system)

Owners of models equipped with a navigation system should refer to the "Navigation System Owner's Manual".

CD player with changer and AM/FM radio

▶ Type A



▶ Type B



- **Using cellular phones**

  Interference may be heard through the audio system's speakers if a cellular phone is being used inside or close to the vehicle while the audio system is operating.

CAUTION

- **For vehicles sold in U.S.A. and Canada**
  - Part 15 of the FCC Rules

    FCC Warning:
    Any unauthorized changes or modifications to this equipment will void the user's authority to operate this device.
  - Laser products
    - Do not take this unit apart or attempt to make any changes yourself.
      This is an intricate unit that uses a laser pickup to retrieve information from the surface of compact discs. The laser is carefully shielded so that its rays remain inside the cabinet. Therefore, never try to disassemble the player or alter any of its parts since you may be exposed to laser rays and dangerous voltages.
    - This product utilizes a laser.
      Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

NOTICE

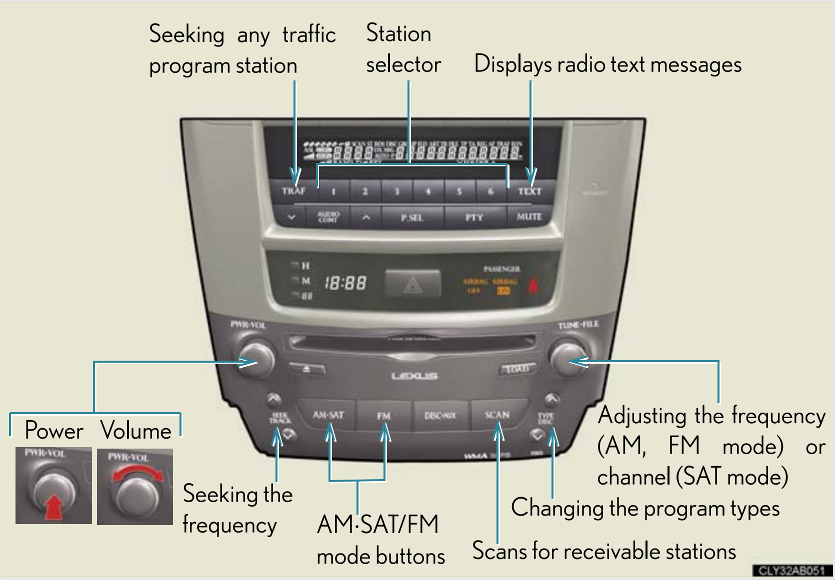
- **To prevent battery discharge**

  Do not leave the audio system on longer than necessary with the engine off.

- **To avoid damaging the audio system**

  Take care not to spill drinks or other fluids over the audio system.

Using the radio



Setting station presets (excluding XM satellite radio)

STEP 1 Search for desired stations by turning the  dial or pressing ∧ or ∨ on .

STEP 2 Press and hold the button (from  to ) the station is to be set to, and you hear a beep.

Scanning radio stations (excluding XM satellite radio)

Scanning the preset radio stations

STEP 1 Press and hold  until you hear a beep.

Preset stations will be played for 5 seconds each.

STEP 2 When the desired station is reached, press the button once again.

Scanning all radio stations within range

STEP 1 Press 

.

All stations with reception will be played for 5 seconds each.

STEP 2 When the desired station is reached, press the button once again.

RDS (Radio Data System)

This feature allows your radio to receive station identification information and program information (classical, jazz, etc.) from radio stations which broadcast this information.

Receiving RDS broadcasts

STEP 1 Press ∧ or ∨ on the 

button during FM reception.

The type of program changes each time the button is pressed.

- ROCK
- EASYLIS (Easy listening)
- CLS/JAZZ (Classical music and Jazz)
- R & B (Rhythm and Blues)
- INFORM (Information)
- RELIGION
- MISC (Miscellaneous)
- ALERT (Emergency messages)

If the system receives no RDS stations, NO PTY appears on the display.

STEP 1 Press 

, or ∧ or ∨ on 

.

The radio seeks or scans the station by the relevant program type.

Displaying radio station names

Press 

.

Displaying radio text messages

Press  twice.

If MSG shows in the display, a text message will be displayed.

If the text continues past the end of the display, ▶ is displayed. Press and hold  until you hear a beep.

XM satellite radio (if equipped)

Receiving XM satellite radio

STEP 1 Press and hold  until SAT shows in the display.

The display changes as follows each time the switch is pressed.

AM → SAT1 → SAT2 → SAT3

STEP 2 Turn the  dial to select the desired channel in the all categories or press ∧ or ∨ on  to select the desired channel in the current category.

Setting XM satellite radio channel presets

Select the desired channel. Press the button the channel is to be set to (from  to ), and you hear a beep.

Changing the channel category

Press ∧ or ∨ on the  switch.

Scanning XM satellite radio channels

1 Scanning channels in the current category

STEP 1 Press  .

STEP 2 When the desired channel is reached, press the switch again.

- Scanning preset channels

  STEP 1 Press and hold 

  until you hear a beep.

  STEP 2 When the desired channel is reached, press the switch again.

Displaying text information

Press 

.

The display will show up to 10 characters.

The display changes as follows each time the button is pressed.

- CH NAME
- TITLE (SONG/PROGRAM TITLE)
- NAME (ARTIST NAME/FEATURE)
- CH NUMBER

When the battery is disconnected

Stations presets are erased.

Reception sensitivity

- Maintaining perfect radio reception at all times is difficult due to the continually changing position of the antenna, differences in signal strength and surrounding objects, such as trains, transmitters, etc.
- The radio antenna is mounted inside the rear window. To maintain clear radio reception, do not attach metallic window tinting or other metallic objects to the antenna wire mounted inside the rear window.

XM satellite radio

The optional Lexus genuine satellite radio tuner and antenna allows you to receive and play XM satellite radio broadcasts. (Subscription is required. Not available in Hawaii and Alaska.)*

- XM subscriptions
  For detailed information about XM satellite radio or to subscribe, visit XM on the web at www.xmradio.com or call (800) 967-2346.
- Radio ID
  You will need the radio ID when activating XM service or reporting a problem.
  Select "CH000" using 

  , and the receiver's 8-character ID number will appear.
- Satellite tuner
  The tuner supports only Audio Services (Music and Talk) and the accompanying Text Information of XM satellite radio.

*: Terms and services provided by XM Radio are subject to change without notice.

■ If the satellite radio does not operate normally

If a problem occurs with the XM tuner, a message will appear on the display. Refer to the table below to identify the problem, and take the suggested corrective action.

ANTENNA	The XM antenna is not connected. Check whether the XM antenna cable is attached securely.
	There is a short-circuit in the antenna or the surrounding antenna cable. See a Lexus certified dealer.
UPDATING	You have not subscribed to the XM satellite radio. The radio is being updated with the latest encryption code. Contact the XM satellite radio for subscription information. When a contract is canceled, you can choose the "CH000" and all free-to-air channels.
	The premium channel you selected is not authorized. Wait for about 2 seconds until the radio returns to the previous channel or "CH001". If it does not change automatically, select another channel. If you want to listen to the premium channel, contact the XM satellite radio.
NO SIGNAL	The XM signal is too weak at the current location. Wait until your vehicle reaches a location with a stronger signal.
LOADING	The unit is acquiring audio or program information. Wait until the unit has received the information.
OFF AIR	The channel you selected is not broadcasting any programming. Select another channel.
-----	There is no song/program title or artist name/feature associated with the channel at that time. No action needed.

---	The channel you selected is no longer available. Wait for about 2 seconds until the radio returns to the previous channel or "CH001". If it does not change automatically, select another channel.

Contact the XM Listener Care Center at (800) 967-2346 during the following hours*.
Monday - Saturday: 6 a.m. - 2 a.m. Sunday: 8 a.m. - 8 p.m. (ET)

*: Subject to change without notice.

Certifications for the radio tuner

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by trying one or more of the following:

- Reorienting or relocate the receiving antenna.
- Increasing the separation between the equipment and receiver.
- Connecting the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consulting the dealer or an experienced radio/TV technician for help.

Using the CD player



Loading CDs

Loading a CD

STEP 1 Push LOAD.

WAIT is shown on the display.

STEP 2 Insert a CD when the indicator on the slot turns from amber to green.

The display changes from WAIT to LOAD.

Loading multiple CDs

STEP 1 Press and hold LOAD until you hear a beep.

WAIT is shown on the display.

STEP 2 Insert a CD when the indicator on the slot turns from amber to green.

The display changes from WAIT to LOAD.

The indicator on the slot turns to amber when the CD is inserted.

STEP 3 Insert the next CD when the indicator on the slot turns from amber to green again.

Repeat the procedure for the remaining CDs.

To stop the operation, press .

Ejecting CDs

■ Ejecting a CD

STEP 1



To select the CD to be ejected, press ∧ or ∨ on .

The number of the CD selected is shown on the display.

STEP 2 Press  and remove the CD.

■ Ejecting all the CDs

Press and hold  until you hear a beep, and then remove the CDs.

Selecting, fast-forwarding, and scanning tracks

■ Selecting a track

Press ∧ to move up and ∨ to move down using  until the desired track number is displayed.

To fast forward or rewind, press and hold ∧ or ∨ on .

■ Scanning a CD

STEP 1 Press .

The first ten seconds of each track will be played.

STEP 2 Press the switch again when the desired track is reached.

Selecting a CD

To select a CD to play

To select the desired CD, press ∧ or ∨ on 

.

To scan loaded CDs

STEP 1 Press and hold 

until you hear a beep.

The first ten seconds of the first track on each CD will be played.

STEP 2 Press the switch again when the desired CD is reached.

Random playback

Current CD

Press 

(RAND).

Songs are played in random order until random playback is canceled.

All CDs

Press and hold 

(RAND) until you hear a beep.

Tracks on all loaded CDs are played in a random order until the button is pressed once more.

Switching the display

Press 

.

Each time the switch is pressed, the display changes in the order of Track no./Elapsed time → CD title → Track name.

Canceling random, repeat and scan playback

Press (RAND), (RPT), or again.

When LOAD, ERROR or WAIT is shown on the display

LOAD: This indicates that the CD player has completed loading the CD.

ERROR: Make sure the label of the displayed disc is facing up, and then reinsert it in the player.

WAIT: Operation is stopped due to a high temperature inside the player. Wait for a while and then press . Contact your Lexus dealer if the CD still cannot be played back.

Discs that can be used

Discs with the marks shown below can be used.
Playback may not be possible depending on recording format or disc features, or due to scratches, dirt or deterioration.

CD player protection feature

To protect the internal components, playback is automatically stopped when a problem is detected.

If CDs are left inside the CD player or in the ejected position for extended periods

CDs may be damaged and may not play properly.

Lens cleaners

Do not use lens cleaners. Doing so may damage the CD player.

NOTICE

■ **CDs and adapters that cannot be used**

Do not use the following types of CDs or 3 in. (8 cm) CD adapters.
Doing so may damage the CD player and/or the CD insert/eject function.



- CDs that have a diameter that is not 4.7 in. (12 cm).



- Low-quality and deformed CDs.



- CDs with a transparent or translucent recording area.



- CDs that have had tape, stickers or CD-R labels attached to them, or that have had the label peeled off.

NOTICE

■ **CD player precautions**

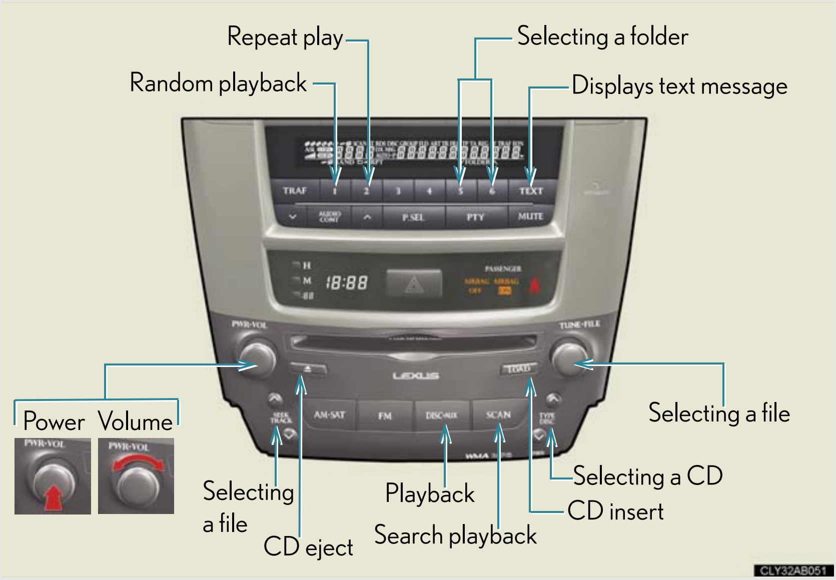
Failure to follow the precautions below may result in serious damage to the CDs or the player itself.

- Do not insert anything other than CDs into the CD slot.
- Do not apply oil to the CD player.
- Store CDs away from direct sunlight.
- Never try to disassemble any part of the CD player.



- Do not insert more than one CD at a time.

Playing back MP3 and WMA discs



Loading and ejecting MP3 and WMA discs

Refer to the section entitled "Using the CD player" for details. (→P. 189)

Selecting a folder

- **Selecting folders one at a time**

  Press [6] (∧) or [5] (∨) to select the desired folder.

- **Selecting the desired folder by cueing the first file of each folder**

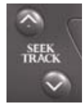
  Press and hold [SCAN] until you hear a beep. When the desired folder is reached, press the switch once again.

- **Returning to the first folder**

  Press and hold [5] (∨) until you hear a beep.

Selecting and scanning files

■ Selecting one file at a time

Turn the  dial or press ∧ or ∨ on  to select the desired file.

■ Selecting the desired file by cueing the files in the folder

Press .

When the desired file is reached, press the switch once again.

File repeat

Press  (RPT).

Folder repeat

Press and hold  (RPT) until you hear a beep.

Random playback

■ To play files from a particular folder in random order

Press  (RAND).

■ To play all of the files on a disc in random order

Press and hold  (RAND) until you hear a beep.

Switching the display

Press .

Each time the switch is pressed, the display changes in the order of Folder no./File no./Elapsed time → Folder name → File name → Album title (MP3 only) → Track title → Artist name.

Canceling random, repeat and scan playback

Press 1 (RAND), 2 (RPT), or SCAN again.

When LOAD, ERROR or WAIT is shown on the display.

LOAD: This indicates that the CD player has completed loading the CD.

ERROR: Make sure the label of the displayed disc is facing up, and then reinsert it in the player.

WAIT: Operation is stopped due to a high temperature inside the player. Wait for a while and then press. Contact your Lexus dealer if the CD still cannot be played back.

NO MUSIC: This indicates that the MP3/WMA file is not included in the CD.

CD player protection feature

To protect the internal components, playback is automatically stopped when a problem is detected while the CD player is being used.

If CDs are left inside the CD player or in the ejected position for extended periods

CDs may be damaged and may not play properly.

Lens cleaners

Do not use lens cleaners. Doing so may damage the CD player.

MP3 and WMA files

MP3 (MPEG Audio LAYER 3) is a standard audio compression format.

Files can be compressed to approximately 1/10 of their original size by using MP3 compression.

WMA (Windows Media TMAudio) is a Microsoft audio compression format.

This format compresses audio data to a size smaller than that of the MP3 format.

There is a limit to the MP3 and WMA file standards and to the media/formats recorded by them that can be used.

- MP3 file compatibility
  - Compatible standards
    MP3 (MPEG1 LAYER3, MPEG2 LSF LAYER3)
  - Compatible sampling frequencies
    MPEG1 LAYER3: 32, 44.1, 48 (kHz)
    MPEG2 LSF LAYER3: 16, 22.05, 24 (kHz)
  - Compatible bit rates
    MPEG1 LAYER3: 64, 80, 96, 112, 128, 160, 192, 224, 256, 320 (kbps)
  - MPEG2 LSF LAYER3: 64, 80, 96, 112, 128, 144, 160 (kbps)
    * Compatible with VBR
  - Compatible channel modes: stereo, joint stereo, dual channel and monaural
- WMA file compatibility
  - Compatible standards
    WMA Ver. 7, 8, 9
  - Compatible sampling frequencies
    32, 44.1, 48 (kHz)
  - Compatible bit rates
    Ver . 7, 8: CBR 48, 64, 80, 96, 128, 160, 192 (kbps)
    Ver. 9: CBR 48, 64, 80, 96, 128, 160, 192, 256, 320 (kbps)
    *Only compatible with 2-channel playback
- Compatible media

  Media that can be used for MP3 and WMA playback are CD-Rs and CD-RWs.

  Playback in some instances may not be possible, depending on the status of the CD-R or CD-RW. Playback may not be possible or the audio may jump if the disc is scratched or marked with fingerprints.

- Compatible disc formats

  The following disc formats can be used.

  • Disc formats: CD-ROM Mode 1 and Mode 2
  CD-ROM XA Mode 2, Form 1 and Form 2

  • File formats: ISO9660 level 1, level 2, (Romeo, Joliet)
  MP3 and WMA files written in any format other than those listed above may not play correctly, and their file names and folder names may not be displayed correctly.

  Items related to standards and limitations are as follows.

  • Maximum directory hierarchy: 8 levels
  • Maximum length of folder names/file names: 32 characters
  • Maximum number of folders: 192 (including the root)
  • Maximum number of files per disc: 255

- File names

  The only files that can be recognized as MP3/WMA and played are those with the extension .mp3 or .wma.

- Multi-sessions

  As the audio system is compatible with multi-sessions, it is possible to play discs that contain MP3 and WMA files. However, only the first session can be played.

- ID3 and WMA tags

  ID3 tags can be added to MP3 files, making it possible to record the track title and artist name, etc.

  The system is compatible with ID3 Ver. 1.0, 1.1, and Ver. 2.2, 2.3 ID3 tags. (The number of characters is based on ID3 Ver. 1.0 and 1.1.)

  WMA tags can be added to WMA files, making it possible to record the track title and artist name in the same way as with ID3 tags.

- MP3 and WMA playback

  When a disc containing MP3 or WMA files is inserted, all files on the disc are first checked. Once the file check is finished, the first MP3 or WMA file is played. To make the file check finish more quickly, we recommend you do not write in any files other than MP3 or WMA files or create any unnecessary folders.

  Discs that contain a mixture of music data and MP3 or WMA format data cannot be played.

- Extensions

  If the file extensions .mp3 and .wma are used for files other than MP3 and WMA files, they will be mistakenly recognized and played as MP3 and WMA files. This may result in large amounts of interference and damage to the speakers.

- Playback
  - To play MP3 file with steady sound quality, we recommend a fixed bit rate of 128 kbps and a sampling frequency of 44.1 kHz.
  - CD-R or CD-RW playback may not be possible in some instances, depending on the characteristics of the disc.
  - There is a wide variety of freeware and other encoding software for MP3 and WMA files on the market, and depending on the status of the encoding and the file format, poor sound quality or noise at the start of playback may result. In some cases, playback may not be possible at all.
  - When files other than MP3 or WMA files are recorded on a disc, it may take more time to recognize the disc and in some cases, playback may not be possible at all.
  - Microsoft, Windows, and Windows Media are the registered trademarks of Microsoft Corporation in the U.S.A. and other countries.

NOTICE

- **CDs and adapters that cannot be used**

Do not use the following types of CDs or 3 in. (8 cm) CD adapters. Doing so may damage the CD player and render the CD insert/eject function unusable.



- CDs that have a diameter that is not 4.7 in. (12 cm).



- Low-quality and deformed CDs.



- CDs with a transparent or translucent recording area.



- CDs that have had tape, stickers or CD-R labels attached to them, or that have had the label peeled off.

NOTICE

■ **CD player precautions**

Failure to follow the precautions below may result in damage to the CDs or the player itself.

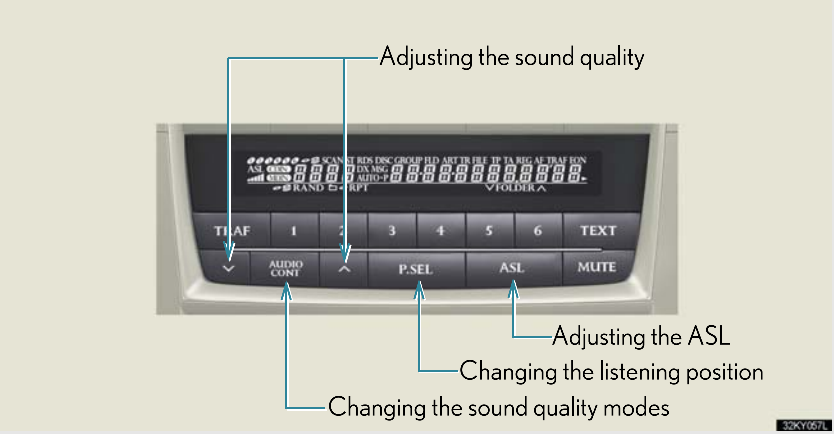
- Do not insert anything other than CDs into the CD slot.
- Do not apply oil to the CD player.
- Store CDs away from direct sunlight.
- Never try to disassemble any part of the CD player.



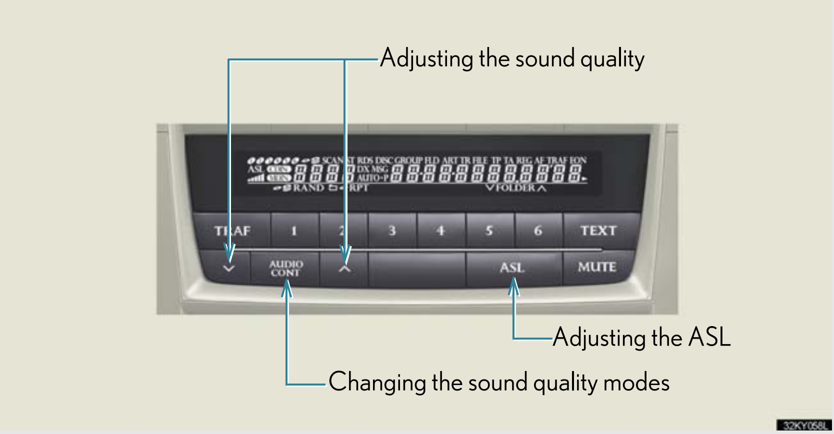
- Do not insert more than one CD at a time.

Optimal use of the audio system

▶ Type A



▶ Type B



Adjusting the Automatic Sound Levelizer (ASL)

Press 

.

The ASL switches between ON and OFF modes each time the switch is pressed.

ASL automatically adjusts the volume and tone quality according to the noise level as you drive your vehicle.

Changing the listening position (type A only)

The sound feel setting can be changed to produce the best sound for each listening position.

Press 

(position selector) to change the setting.

The display changes as follows each time the button is pressed.

Display	Listening position
DRIVER	Position best suited to the driver's seat
FRONT	Position best suited to the driver's and front passenger seats
REAR	Position best suited to the rear seats
ALL	Position best suited to all seats

Adjusting sound quality and volume balance

- **Changing sound quality modes**

Press 

Pressing the button changes the sound mode in the following order.

BAS→MID→TRE→FAd→BAL→SURROUND (type B only)

- **Adjusting sound quality**

Press  or  to adjust the level.

Sound quality mode	Mode displayed	Level	Press ∨	Press ∧
Bass*	BAS	-5 to 5	Low	High
Mid-range*	MID	-5 to 5		
Treble*	TRE	-5 to 5		
Front/rear volume balance	FAd	F7 to R7	Shifts to rear	Shifts to front
Left/right volume balance	BAL	L7 to R7	Shifts to left	Shifts to right
Surround (type B only)	SUR-ROUND	ON/OFF	OFF	ON

*: The sound quality level is adjusted individually in each AM·FM or CD mode.

Surround (type B only)

When the surround mode is ON, the matrix 7.1 surround sound system provides a realistic sound field.

Using the AUX adapter

This adapter can be used to connect a portable audio device and listen to it through the vehicle's speakers.

STEP 1 Connect the portable audio device.



STEP 2 Press .

- **Operating portable audio devices connected to the audio system**

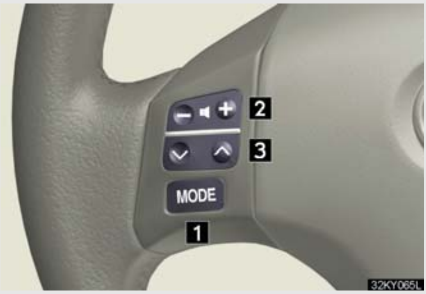
  The volume can be adjusted using the vehicle's audio controls. All other adjustments must be made on the portable audio device itself.

- **When using a portable audio device connected to the power outlet**

  Noise may occur during playback. Use the power source of the portable audio device.

Using the steering wheel audio switches

Some audio features can be controlled using the switches on the steering wheel.



1 Power on, select audio source

2 Volume

3 Radio: Select radio stations
CD: Select tracks, files (MP3 and WMA) and discs

Turning on the power

Press MODE when the audio system is turned OFF.

The audio system can be turned off by holding the switch down for 1 second or more.

Changing the audio source

Press MODE when the audio system is turned ON. The audio source changes as follows each time the switch is pressed.

FM1→FM2→CD changer→AUX→AM→SAT1→SAT2→SAT3

Adjusting the volume

Press + on [– ◀ +] to increase the volume and - to decrease the volume.

Hold down the switch to continue increasing or decreasing the volume.

Selecting a radio station

STEP 1 Press MODE to select the radio mode.

STEP 2 Press ∧ or ∨ on the switch to select a radio station.

To scan for receivable stations, press and hold the switch until you hear a beep.

Selecting a track/file

STEP 1 Press MODE to select the CD mode.

STEP 2 Press ∧ or ∨ on the switch to select the desired track/file.

Selecting a disc in the CD player

STEP 1 Press MODE to select the CD mode.

STEP 2 Press and hold ∧ or ∨ on switch until a beep is heard.

CAUTION

- **To reduce the risk of an accident**

Exercise care when operating the audio switches on the steering wheel.